Activity 2

```
ES CIUSers\Larry> docker run it ubuntu:16.04 /bin/bash contigness/sadada/# ping docker run it ubuntu:16.04 /bin/bash contigness/sadada/# ping; command not found root@reas/sadada/# ping; command not found root@reas/sadada/# ping pet update Set:1 http://security.ubuntu.com/ubuntu xenial_security/main amd64 Packages [109 kB] Set:3 http://security.ubuntu.com/ubuntu xenial_security/main amd64 Packages [2051 kB] Set:4 http://security.ubuntu.com/ubuntu xenial_security/main amd64 Packages [2051 kB] Set:5 http://archive.ubuntu.com/ubuntu xenial_security/restricted amd64 Packages [15:9 kB] Set:5 http://security.ubuntu.com/ubuntu xenial_security/restricted amd64 Packages [15:9 kB] Set:5 http://security.ubuntu.com/ubuntu xenial_security/restricted amd64 Packages [15:9 kB] Set:10 http://security.ubuntu.com/ubuntu xenial_security/restricted amd64 Packages [15:9 kB] Set:10 http://security.ubuntu.com/ubuntu xenial_security/mainty/security/restricted amd64 Packages [16:9 kB] Set:10 http://security.ubuntu.com/ubuntu xenial-security/mailtiverse amd64 Packages [16:0 kB] Set:11 http://security.ubuntu.com/ubuntu xenial-backports/mailtiverse amd64 Packages [16:0 kB] Set:11 http://security.ubuntu.com/ubu
```

Ping installation

```
root@7e83564854d0:/# ping www.youtube.com
PING youtube-ui.l.google.com (142.250.66.110) 56(84) bytes of data.
64 bytes from 142.250.66.110: icmp seq=1 ttl=37 time=32.4 ms
64 bytes from 142.250.66.110: icmp_seq=2 ttl=37 time=31.2 ms
64 bytes from 142.250.66.110: icmp_seq=3 ttl=37 time=31.9 ms
64 bytes from 142.250.66.110: icmp_seq=4 ttl=37 time=31.6 ms
64 bytes from 142.250.66.110: icmp_seq=5 ttl=37 time=33.4 ms
64 bytes from 142.250.66.110: icmp_seq=6 ttl=37 time=31.5 ms
64 bytes from 142.250.66.110: icmp_seq=7 ttl=37 time=32.1 ms
64 bytes from 142.250.66.110: icmp_seq=8 ttl=37 time=31.7 ms
64 bytes from 142.250.66.110: icmp_seq=9 ttl=37 time=31.3 ms
64 bytes from 142.250.66.110: icmp_seq=10 ttl=37 time=31.3 ms
^С
10 packets transmitted, 10 received, 0% packet loss, time 9013ms
rtt min/avg/max/mdev = 31.214/31.895/33.477/0.653 ms
root@7e83564854d0:/# exit
exit
PS C:\Users\Larry>
```

Using ping from Docker container

```
PS C:\Users\Larry> docker ps
CONTAINER ID IMAGE
7e83564854d0 ubuntu:16.04
                                  COMMAND
"/bin/bash"
                                                    CREATED
                                                                                                        PORTS
                                                                                                                    NAMES
                                                    11 minutes ago
                                                                        Exited (0) 2 minutes ago
                                                                                                                    hopeful_raman
                                                                                        7e83 lsgarriz/ping
PS C:\Users\Larry> docker commit -a
sha256:aecc1a51445b073bc64add1588372f4d1fe9989c310ec286c0653fe5bd78df52
PS C:\Users\Larry> docker images
REPOSITORY
                             IMAGE ID
                                                CREATED
                           aecc1a51445b 8 seconds ago
9ff95a467e45 3 weeks ago
lsgarriz/ping latest
                                                                   170MB
ubuntu
                  16.04
PS C:\Users\Larry> <mark>docker</mark> run -it --rm lsgarriz/ping /bin/bash
root@654dad16cac6:/# ping music.youtube.com
PING youtube-ui.l.google.com (142.250.66.110) 56(84) bytes of data.
64 bytes from 142.250.66.110: icmp_seq=1 ttl=37 time=32.7 ms
64 bytes from 142.250.66.110: icmp_seq=2 ttl=37 time=31.9 ms
64 bytes from 142.250.66.110: icmp_seq=3 ttl=37 time=30.9 ms
64 bytes from 142.250.66.110: icmp_seq=4 ttl=37 time=30.9 ms
 -- youtube-ui.l.google.com ping statistics
4 packets transmitted, 4 received, 0% packet loss, time 3004ms
rtt min/avg/max/mdev = 30.951/31.655/32.758/0.743 ms
root@654dad16cac6:/#
```

Creation of new Ubuntu Docker image with ping functionality pre-installed